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Carolina, with additional drawings of the same. Referred to the Committee on the previous portions of the paper.

Professor Hare made some observations on the combustion of gum in oxygen gas, and stated that the brilliant light which it emitted during combustion, proceeded from the presence of lime, which he considered an essential constituent of gums.

Dr. Leidy stated that whilst engaged in examining the structure of some Lichens, he discovered numerous octagonal crystals intermingled with the cellular structure of several species of *Parmelia*. Many of the crystals equalled in size the greenish cells themselves, although none of them appeared to be contained within the latter. As chemical analysis has detected in these plants a large proportion of oxalate of lime, Dr. Leidy supposed these crystals to be that salt.

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*Stated Meeting, May 11, 1847.*

MR. PHILLIPS in the Chair.

DONATIONS TO MUSEUM.

A large massive specimen of Copper ore from the Flemington Copper Mines, New Jersey. Presented by Dr. Thos. McEuen.

An earthenware Indian utensil, taken from a crevice in a rock on Pine creek, Lycoming county, Pennsylvania. From Mr. Thos. H. Taylor.

Specimen of *Astacus affinis*, from Kentucky. From Prof. Haldeman.

Bituminous coal from the Tippecanoe pit, Clover Hill, Va., and Fuller's earth from the same locality. From Professor Johnson.

Mounted specimen of *Callipepla squammata*, Gould, from Mexico. From Lieut. J. W. Abert, U. S. A.

The following specimens in spirits, of Reptilia, originally part of Prof. Rafinesque's collection, were presented by Dr. Hallowell, viz. :—

*Lacerta viridis*, var. *agilis*, Linn.; *L. cærulescens*, m. & f., *L. Brongniartii* Daudin; *L. muralis*; *L. crocea*; *Anguis fragilis*; *Coluber Æsculapii*; *C. austriacus*; *C. tessellatus*; *C. natrix*, L.; *Vipera ammodytes*; *Rana arborea*; *R. esculenta*; *R. temporaria*; *R. fusca*; *R. ignea*; *R. variabilis*; *R. vulgaris*; *Salamandra maculosa*; *S. atra*; *S. cristata*; *S. ignea*; *S. tæniata*.

#### DONATIONS TO LIBRARY.

Medical Botany; or descriptions of the more important plants used in medicine; with their history, properties and mode of administration. By R. Eglesfeld Griffith, M. D. 8vo. Philadelphia, 1847. From the Author.

On Hybridization amongst vegetables. By the Hon. and very Rev. William Herbert, L. S. D., Dean of Manchester. Part 1. From the Author, through Dr. Elwyn.

The Corresponding Secretary read a letter from Richard Kippist, Esq., Librarian of the Linnean Society of London, dated March 4, 1847, acknowledging the receipt of his notice of election as a Correspondent.

Prof. Johnson made some remarks upon the Tippecanoe coal mines of Clover Hill, Virginia, from which the specimens presented this evening were obtained.

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*Stated Meeting, May 18, 1847.*

MR. PHILLIPS in the Chair.

#### DONATIONS TO MUSEUM.

The following collections of Bivalve Shells (consisting of 162 species) was presented by Dr. Robert E. Griffith, viz. :—